



Prismatex

Thermoplastic Road Marking Paint



Prismatex is a road marking material composed of a mixture of thermoplastic resins, polymers, plasticizers (binder) and selected fillers, pigments and glass beads. Prismatex is formulated for semi-tropical and tropical climactic conditions. It resists deformation by traffic in hot weather and staining by dirt and oils. Prismatex is formulated to conform to the technical requirements of EN 1871:2000, in the categories below. Prismatex is suitable for application by screed and extrusion. Grades suitable for spray application and other climactic conditions and performance are available upon request.

Correctly applied with drop-on beads of good quality, Prismatex will surpass the initial retroreflectivity, luminance, color and skid resistance requirements of EN 1436:1997 in the categories listed below. The recommended minimum dosage of glass beads is 500 g/m².

Prismatex is available in white, yellow and red. Other colors can be manufactured upon request.

Characteristics	Specified Value	Typical results	Method
<i>Physical Characteristics</i>			
Luminance (β)			EN 1871:2000
White	LF6 \geq 0.80	0.85 min.	
Yellow	LF2 \geq 0.50	0.55 min.	
Chromaticity	Falls within coordinates	Pass	EN 1436:1998
Softening Point	SP3 \geq 95 °C	100 °C min.	EN 1871:2000
Cold Impact Resistance	CL 2, CL3	Pass	EN 1871:2000
UV Aging	UV1, \leq 0.05 change in luminance factor $\Delta\beta$, maintained color coordinates	Pass	EN 1871:2000

Performance

Q_d			EN 1436:1998
White	$Q3 \geq 130 \text{ mcd m}^{-2} \text{ lx}^{-1}$	Pass*	
Yellow	$Q3 \geq 130 \text{ mcd m}^{-2} \text{ lx}^{-1}$	Pass*	
R_L			EN 1436:1998
White	$R4 \geq 200 \text{ mcd m}^{-2} \text{ lx}^{-1}$ $RR2, RW2 \text{ (wet)} \geq 35 \text{ mcd m}^{-2} \text{ lx}^{-1}$	Pass*	
Yellow	$R4 \geq 200 \text{ mcd m}^{-2} \text{ lx}^{-1}$ $RR2, RW2 \text{ (wet)} \geq 35 \text{ mcd m}^{-2} \text{ lx}^{-1}$	Pass*	
Skid Resistance	S1 \geq 45 SRT	50 min.	EN 1436:1998

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* Performance characteristics are highly dependent on choice of drop-on materials and applicator skill. A.N.C. Waterproofing stands by the quality of its products and will advise and collaborate with clients on how best to achieve desired performance characteristics, including but not limited to application conditions, equipment, drop-on glass bead selection, drop-on material dosage, etc. For more information please contact us.